



JOHN H. LYNCH
Governor

State of New Hampshire

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November 20, 2007

Ms. Janet Pawlukiewicz
The Trust for Public Land
660 Pennsylvania Ave., SE, Suite 401
Washington DC 20003

Subject: NHDES-NHOEP Application for Land Use and Water Protection Program

Dear Ms. Pawlukiewicz:

I am pleased to support the N.H. Office of Energy and Planning and N.H. Department of Environmental Services application for the Enabling Source Water Protection (Land and Water) program.

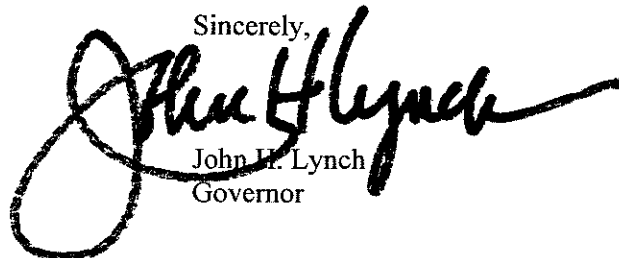
NHOEP and NHDES have assembled an outstanding group of partners consisting of key State officials and non-governmental organizations for this project. The partner organizations have a long history of working together both with and without government involvement to protect New Hampshire's invaluable natural resources.

Protection of our water supplies is essential to New Hampshire's future prosperity and quality of life. This opportunity to participate in the Land and Water program is quite timely, as it would contribute significant expertise and serve as a catalyst to incorporate the appropriate land use and land management strategies into the State's water strategy.

New Hampshire is a growing state and we need to plan ahead to address potential impacts on our water resources. A number of research, planning and management efforts are taking place at the state and local levels. There is great potential for optimizing the effectiveness of all these efforts through better coordination of the various organizations.

New Hampshire's State agencies and stakeholders have a history of working together to address natural resources issues. This application provides an excellent framework for bringing together the key agencies, officials, and constituencies needed to jointly address water resource and land use planning for our State.

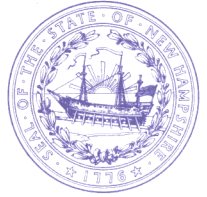
Sincerely,



John H. Lynch
Governor



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES



Thomas S. Burack, Commissioner

November 20, 2007

Ms. Janet Pawlukiewicz
The Trust for Public Land
660 Pennsylvania Ave., SE, Suite 401
Washington DC 20003

Subject: Application for "Enabling Source Water Protection:
Aligning State Land Use and Water Protection Programs"

Dear Ms. Pawlukiewicz:

Thank you for the opportunity to submit this application along with our co-applicant, the New Hampshire Office of Energy and Planning, and our project partners. New Hampshire takes great pride in the beauty of its natural environment and appreciates the role the environment plays in supporting the quality of life and economic well-being of its citizens. Ninety-five percent of New Hampshire residents use the state's lakes, rivers, streams, and ponds for recreational purposes such as boating, fishing, swimming, and onshore activities such as sunbathing, hiking, and picnicking. Sixty percent of New Hampshire residents rely on surface water sources for their drinking water supply.

New Hampshire does not take its water resources for granted. As indicated by the important water resources planning efforts underway in the state, lawmakers and senior state officials understand the connection between land use and water resources, and recognize the need to conserve critical lands and to manage the state's rapid growth in ways that will minimize impacts on water. We also see a need to better coordinate many land management, land protection, and water resource programs. The Land and Water program offered by The Trust for Public Lands and your partner organizations presents a timely opportunity for New Hampshire.

I hope you will view our application favorably. The many letters of endorsement provided by our partner agencies, legislative leaders, and the Governor's Office demonstrate that we are of one mind in pursuing the opportunity to better protect our water by better managing our land.

Sincerely,

Thomas S. Burack
Commissioner



JOHN H. LYNCH
GOVERNOR

STATE OF NEW HAMPSHIRE

OFFICE OF ENERGY AND PLANNING

57 Regional Drive, Suite 3
Concord, NH 03301-8519
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www.nh.gov/oep

November 19, 2007

Janet Pawlukiewicz
The Trust for Public Land
660 Pennsylvania Ave., SE
Suite 401
Washington, DC 20003

RE: Application for *Enabling Source Water Protection: Aligning State Land Use with Water Protection Programs*

Dear Ms. Pawlukiewicz:

The NH Office of Energy and Planning (OEP) is pleased to submit this application along with its project partner, the NH Department of Environmental Services (DES). The opportunity to become a pilot state in *Enabling Source Water Protection: Aligning State Land Use with Water Protection Programs* is timely as OEP works to strengthen its role in water resource planning in conjunction with its land use planning programs.

Historically, the NH Office of State Planning (OSP) and DES closely collaborated on a variety of initiatives involving the intersection of land use planning and environmental protection. However, since the creation of OEP through the merger of OSP and the Office of Energy and Community Services in 2003, there has been a decrease in OEP's staff size and ability to participate in such collaborative efforts. OEP has continued to promote smart growth and expand its land use programs, creating new planning initiatives such as the Housing and Conservation Planning Program which promotes planning for affordable housing through concentrated development that simultaneously protects the State's valuable natural resources. Currently, OEP is looking for new ways in which it can strengthen its role in water resource protection.

The opportunity for OEP to partner with DES in this pilot program is also timely at this pivotal point in OEP's programmatic efforts. OEP recently prepared a Report to the Governor on Growth Management for the Council on Resources and Development and is nearing completion on the Governor's State Development Plan. Both documents call for land use planning with consideration of the State's natural and water resources. OEP and partner state agencies will be looking for innovative and collaborative ways to implement the two documents' many recommendations. Participation in *Enabling Source Water Protection: Aligning State Land Use with Water Protection Programs* would provide just that opportunity for new and creative ideas.

Thank you for inviting the State of New Hampshire to submit this application. We look forward to the possibility of identifying new and effective ways in which we can strengthen our partnerships to align and promote land use planning and water resource protection in New Hampshire.

Sincerely,

Amy Ignatius
Director

AI/jc

cc: Thomas S. Burack, Commissioner, NH Department of Environmental Services
Paul Susca, NH Department of Environmental Services

TDD Access: Relay NH 1-800-735-2964

Enabling Source Water Protection:
Aligning State Land Use and Water Protection Programs
A Joint Project of The Trust for Public Land and The Smart Growth Leadership Institute

State Application Form

State: New Hampshire

Proponent Agency/Organization: N.H. Department of Environmental Services and N.H. Office of Energy and Planning

Project Leader (Name): Paul Susca

Title/Designation: Supervisor – Planning, Protection & Assistance, Drinking Water & Groundwater

Address: NHDES, PO Box 95, Concord NH 03302-0095

Phone: (603) 271-7061

Fax: (603) 271-0656

Email: psusca@des.state.nh.us

Use a separate sheet to answer the questions, and attach it to this page.
Your responses to questions 1 to 4 should not exceed 5 pages.
You may provide additional documentation you deem necessary.

QUESTIONS

1. *What do your agency and your state hope to achieve from being involved in this project? We are particularly interested in how this project would add value to the work and processes already underway in your state.*
2. *Please highlight projects your department or agency has led or been involved in that are directly related to drinking water source protection and land use. Include relevant details on inter-agency, inter-jurisdictional and/or public/private partnerships focused on one or more of the following issues:*
 - a. *Growth management*
 - b. *Land conservation*
 - c. *Ground and surface water protection*
 - d. *Natural resource management*
 - e. *Agriculture**(We are particularly interested in projects and solutions that involved stakeholder and citizens groups.)*
3. *Please describe mechanisms your agency or the state has put in place to engage stakeholder organizations and citizens groups that may be utilized for this project.*
4. *Briefly describe any other factors not already mentioned that would make your state a good candidate for this project.*

5. Please list the partners who have agreed to work on this project with you and briefly describe previous initiatives or projects you have undertaken with each agency/organization you list. Please append letters of endorsement for this project from each.
6. Please list the senior state officials who will likely be involved in this project (e.g., participate in a short kick off meeting or interview and 1-1/2 day workshop). List the name of each official, their title and the agency or organization they represent.
7. Please list the staff members of your agency and other partner agencies who will commit working on this project. (This project is expected to require logistical support of 40 to 60 hours from at least one staff person and 20 to 30 hours of program review from additional staff persons.) List the name of each staff member, his/her title organization, and designated role and the estimated time he/she can provide over the project duration.

Statement of Commitment

Should we be selected, I commit state resources, as described above, to this project.

Signature



Name

Thomas S. Burack

Title

Commissioner, NHDES

Date

November 20, 2007

-end of form-

IMPORTANT INFORMATION:

Submit a copy of this form and all attachments on or before **November 20, 2007** to:

**Janet Pawlukiewicz
The Trust for Public Land
660 Pennsylvania Ave., SE
Suite 401
Washington, DC 20003**

Questions may be directed by phone or email to:

**Janet Pawlukiewicz
(202) 543-7552
Janet.Pawlukiewicz@tpl.org**

**Enabling Source Water Protection:
Aligning State Land Use and Water Protection Programs**

**Application by New Hampshire Department of Environmental Services (NHDES) and New
Hampshire Office of Energy and Planning (NHOEP)**

November 20, 2007

1. What NHDES and NHOEP hope to achieve.

Through this project, NHDES and NHOEP hope to identify opportunities both within and beyond the State's existing program and regulatory framework to better integrate land use and source water protection goals. In addition, by more effectively promoting smart growth, the applicants hope to better protect water resources in general and source water in particular. While NHDES and NHOEP have identified numerous programs that could be better aligned toward this end, they hope to benefit from the fresh perspective provided by outside experts, in terms of identifying opportunities with the greatest promise for results. This is an opportune time to undertake this work in New Hampshire, given the important work that is currently underway to reshape the state's water protection programs:

- Development of the State Water Resources Plan. The N.H. Legislature created a Water Resource Committee in 2003, committed to developing a *Sustainable Water Resources Plan*. After securing federal funding, NHDES hired a consultant in 2007 to develop a *Water Resources Primer* to inform the process. NHDES has begun to identify key stakeholder groups to involve in reviewing drafts of the *Primer* during late 2007 to early 2008, and to identify critical water resource issues to be addressed in the *Plan*.
- The Sustainability Initiative. A joint effort by the Rivers Management Advisory Committee and the Lakes Management Advisory Committee (see section 3), the Initiative has resulted in a draft white paper that makes the case for an aggressive effort to address landscape development and change and their impact upon water quality.
- Revision of the Source Water Protection Strategy. DES first developed a Comprehensive State Groundwater Protection Program (CSGWPP) in 1994, and expanded the strategy to include surface water sources of public water supply in 2000, with the adoption of a Groundwater and Drinking Water Strategy. The development of both strategies involved extensive stakeholder participation and emphasized coordination among existing programs. NHDES began the process of revising the Strategy in 2007 by convening a Core Advisory Committee and three supporting working groups: Groundwater, Surface Water, and Private Wells. The goal is to adopt a revised Strategy by November 2008. The Land and Water program would enable more in-depth exploration for alignment opportunities in particular areas such as the Water Supply Land Conservation Grant Program and the Alteration of Terrain Program (see below).
- Revision of rules governing the Water Supply Land Conservation Grant Program. This program is an outgrowth of the 1994 CSGWPP. Since its inception in 2000, the program has invested approximately \$6.5 million to permanently protect 4,800 acres of water supply lands. With a view to readoption of the program's rules in April 2009, this is an opportune time to begin an in-depth review of all aspects of the program, including the

scoring criteria for applications. For example, can the program be structured to maximize its water quality benefits by focusing more on protecting riparian buffers?

- Revision of Shoreland Protection Rules. Pursuant to the 2007 amendments to the [Comprehensive Shoreland Protection Act](#), NHDES is amending rules that apply to development within 250 feet of 1,115 miles of rivers and streams and 975 lakes and ponds, most of them within water supply watersheds. The new rules will incorporate impervious area limits and stormwater management requirements into the program
- Revision of [Alteration of Terrain Program](#) rules. This is NHDES's stormwater management program, applying to disturbances of 100,000 square feet or more (with a lower threshold in Shoreland Protection Areas). The current draft of the rules, which are being fundamentally rewritten to require infiltration of stormwater, incorporate new source water protection and anti-degradation provisions. When adopted, these rules will present new opportunities and challenges for coordination among NHDES's Alteration of Terrain, water quality, and source water protection programs. Legislation is currently being proposed to establish a Stormwater Commission, which would look further into strategies to keep stormwater local and optimize treatment.
- Development of watershed plans for rivers designated under the [Rivers Management and Protection Program](#). Since the program's inception in 1988, fourteen rivers – all but three of them water supply sources or tributaries - have been designated under the program. While the program has always involved the preparation of corridor management plans for designated rivers, the enabling statute was amended in 2007 to broaden the scope of these plans to include their watersheds, presenting an opportunity to better integrate land use planning with water quality protection.

2. Projects NHDES and NHOEP have led or been involved in that are directly related to drinking water source protection and land use.

- Growth Management
 - Smart Growth at DES: DES actively promotes land use planning and land use practices that protect natural resources by providing resource materials, workshops, and technical assistance for local communities and environmental organizations. In addition, DES coordinates with other state and regional organizations on state-level policies and programs related to planning and development as well as in providing technical assistance to local municipalities.
 - [Achieving Smart Growth in New Hampshire](#) Prepared in 2002 by NHOEP, this report documents New Hampshire's changing demographics and land use patterns. The report highlights some innovative examples of development and conservation throughout the state and summarizes a study of three pilot communities to determine whether there is a disconnect between the community's vision and its local regulations. Alternatives to existing policies and regulations are explored for each pilot community.
 - [Report on Growth Management to Governor John Lynch, New Hampshire General Court](#) (December 2006, N.H. Council on Resources and Development) Since 1999, RSA 9-B requires each state agency to consider smart growth principles when providing advice, expending funds, or distributing grant monies.

RSA 9-B also calls for a coordinated and comprehensive effort by state agencies to encourage smart growth. The statute requires CORD to prepare a report every four years on progress by state agencies and suggested policy changes or legislation that CORD believes would strengthen the state's ability to achieve smart growth. The report is prepared by NHOEP staff.

- [*Innovative Land Use Planning Techniques: A Handbook for Sustainable Development*](#) (in press, N.H. Regional Environmental Planning Program) REPP is a NHDES program that provides funding to regional planning commissions to support environmental planning. Draft final chapters of the *Handbook* are available on NHDES's web site, covering various techniques of multi-density zoning, environmental characteristics zoning, and site-level design. The Drinking Water chapter covers both groundwater and surface water protection and includes model ordinances for both. Under the current two-year REPP contract, the bulk of the funds to the RPCs are being put toward helping local municipalities implement some of the techniques covered by the *Handbook*.
- Land conservation
 - [NHDES Water Supply Land Conservation Grant Program](#). This program is described above. NHDES convened a stakeholder group to develop the rules that currently govern the program, and will repeat this process to revise and readopt the rules by April 2009.
 - [N.H. Land and Community Heritage Investment Program](#). Since 2000, the program has invested \$18.3 million to conserve over 200,000 acres. Among projects considered high priority for preservation are water supply lands. The program's board represents a diverse array of interests and state agencies. Both NHOEP and NHDES are represented. The NHDES Commissioner and Assistant Commissioner are active participants and when they are unable to attend, their designee is the Administrator of the Drinking Water and Groundwater Bureau.
 - [NHOEP Conservation Land Stewardship Program](#). This program monitors and protects the conservation values of all conservation easement lands in which the State of New Hampshire has invested. Overall, the total area of protected lands in the CLS program is just over 100,000 acres and over 370 individual properties.
- Ground and surface water protection
 - [NHDES Drinking Water Source Protection Program](#). This program emphasizes (1) supporting the efforts of municipalities and water suppliers in implementing source water protection (SWP) on the local level and (2) working with other programs to ensure that state-wide environmental programs emphasize the protection of source waters. Inter-program coordination within NHDES includes working with the RCRA, UST, wetlands, shoreland protection, and Alteration of Terrain programs. Activities that support local SWP efforts include:
 - [Annual workshop](#) to train local planners, water suppliers, and consultants in SWP techniques. The [2007 workshop](#) was attended by 151.
 - [Guidance documents for municipalities](#). These include a model groundwater protection ordinance developed jointly with NHOEP.

- [Local Source Water Protection Grant Program](#). Invests approx. \$200,000 per year to support local SWP projects, many involving land use planning.
 - [Compilation of information on local ordinances](#). Supported by a grant from the Ground Water Protection Council, NHDES and NHOEP have compiled a [geographically-referenced database of local ordinances](#) that protect groundwater and surface water. This is invaluable in source water protection planning.
 - [SB 155 Groundwater Commission](#). This Legislative commission represents a wide range of interests and expertise. It is focused primarily on policies involving groundwater withdrawals and preventing groundwater contamination. It is supported by staff of NHDES's Drinking Water and Groundwater Bureau.
- Agriculture
 - [Pesticide Control Board](#). This board represents a wide range of agricultural and resource management interests, and advises the N.H. Department of Agriculture, Markets and Food (NHDAMF). The NHDES designee on the board is the Source Water Protection Coordinator.
 - [NHDAMF Agricultural Nutrient Management Grant Program](#). This program makes small grants for the implementation of best management practices for agricultural nutrients. Grant applications are reviewed by a board of state and federal agricultural and water resources professionals, including representatives of NHDES's Source Water Protection and Watershed Management programs.

3. Mechanisms the state has in place to engage stakeholder organization and citizens groups that may be utilized for this project. NHDES has a policy of reaching out to a broad base of stakeholders when formulating policy. To illustrate, Attachment A is a partial listing of water resources-related advisory groups, although it includes only those established through legislative action. For this project, the following groups are most likely to be utilized. Members are listed in Attachments B through G.

- [Council on Resources and Development](#). CORD provides a forum for interagency cooperation to assure consistency with established policies relating to the environment, natural resources, and growth management issues. Principal among CORD's duties is the implementation of the state's smart growth policy. CORD is supported by NHOEP staff.
- [Source Water Protection Strategy Core Advisory Committee](#). This group has been convened by NHDES Drinking Water Source Protection Program staff to guide the revision of the SWP Strategy through 2008.
- [Lakes Management Advisory Committee](#). Established under RSA 483-A, this group has 18 members, including representatives from state agencies, municipalities, the conservation community, academia, and the marine, tourism, and real estate businesses.
- [Rivers Management Advisory Committee](#). Established under the Rivers Management and Protection Act, this group has 16 members, representing public water suppliers, municipal officials, fish and game, business and industry, hydropower, conservation commissions, conservation interests, recreation interests, historic/archaeological interests, local river management advisory committees and agriculture.

- [N.H. Local Government Center](#). LGC is home to the N.H. Municipal Association and other programs and services that support municipalities and municipal officials. Local planning and zoning officials turn to the LGC for training, legal support, legislative advocacy and other services. State officials turn to LGC as a link to local officials. LGC staff have also participated in strategic planning and training efforts of NHDES's Drinking Water Source Protection Program.
- [N.H. Association of Regional Planning Commissions](#). NHARPC seeks to improve coordination and communication between the nine regional planning commissions and provides input related to proposed planning-related legislation.
- [N.H. Land Conservation Coalition](#). This group is convened by the Society for Protection of New Hampshire Forests (SPNHF), the state's oldest land conservation organization. The Coalition includes land conservation organizations and other interested parties.

4. Other factors that make New Hampshire a good candidate for the project.

New Hampshire is the second-most forested state in the nation, but that is rapidly changing. Consequently, this is a particularly opportune time for New Hampshire to make use of outside expertise to better align its land use and water protection programs. New Hampshire is in the midst of broad-scale, legislatively-driven water resources planning efforts while at the same time revamping several key programs dealing with source water protection and land development. As noted by Governor John Lynch in his keynote address at the first [NH Water Conference](#) in April 2007, these efforts demonstrate the fact that New Hampshire's government leaders recognize the importance of the land development – water resources connection and its importance to the state's future.

The importance of the land-water connection in New Hampshire is underscored by the fact that New Hampshire is the fastest-growing state in the Northeast. At the same time, New Hampshire places a very high value on the quality of its environment, which is key to maintaining its quality of life and economic vitality. A series of [Reports on the Economic Value of New Hampshire's Surface Waters](#), conducted by the Lakes, Rivers, Streams and Ponds Partnership, have demonstrated the dollar value of this resource and the potential economic impact of the decline in water quality that could result from ignoring the land-water connection.

The record of NHDES's Drinking Water Source Protection Program also makes New Hampshire a good candidate for this project. The Program has a history of stakeholder involvement, coordination with other programs, innovation, and leadership. This is evidenced by the 1994 CSGWPP and its subsequent revisions, an EPA Region I Environmental Merit Award for timely completion of its Source Water Assessment Program, and staff involvement in leadership positions in regional and national organizations such as the Source Water Collaborative, Ground Water Protection Council, ASDWA's Source Water Protection Committee, AwwaRF's Source Water Protection Planning Workshop, and New England Water Works Association's Water Resources Committee.

Finally, for a small state, New Hampshire has a significant source water protection challenge. New Hampshire relies on approximately 3,000 public water supply sources, including 55 surface water sources whose watersheds encompass 80% of the state's area. Typical of the nation as a whole, approximately 60% of the state's residents rely primarily on groundwater for their drinking water.

5. Partners who have agreed to work on this project

- [N.H. Department of Environmental Services](#) (proponent, including Commissioner's Office, Watershed Management Bureau, and Drinking Water and Groundwater Bureau)
- [N.H. Office of Energy and Planning](#) (proponent)
- [N.H. Department of Resources and Economic Development](#). NHDRED manages more land than any other state department. With responsibilities including state forests, parks and recreation, forestry practices, travel and tourism, and economic development, NHDRED guides the management of the state's forests for natural and economic values. NHDRED works with NHDES, NHOEP, and other agencies through the Council on Resources and Development.
- [N.H. Department of Transportation](#) – NHDOT is a member of CORD and works with NHOEP, NHDES, regional planning commissions, and several nonprofit organizations on the Community Technical Assistance Program (CTAP), a five-year, \$3.5 million program to assist municipalities that will be affected by the widening of I-93. Initial efforts under CTAP include conducting smart growth-based audits of local zoning and land use regulations, conducting build-out analyses, and supporting open-space planning for all 26 affected communities.
- [N.H. Department of Agriculture, Markets and Food](#) – NHDAMF is a member of CORD and also works with NHDES through the [Division of Pesticide Control](#) and the Agricultural Nutrient Management Program. The latter program coordinates with NHDES responding to complaints regarding compliance with agricultural nutrient best management practices, guiding agricultural projects funded through NHDES's nonpoint source program, and conducts the Agricultural Nutrient Management Grant Program with financial support and cooperation from NHDES.
- [Center for the Environment, Plymouth State University](#) – The Center for the Environment is a collaborative effort between Plymouth State University academic departments, government agencies and regional nonprofit organizations. Established in 2004, the goal of the Center for the Environment is to address the science, policies, culture and economics of the natural environment in northern New England through research, education and collaboration. CFE operates a satellite laboratory that supports NHDES's volunteer water quality monitoring programs. [Other recent collaborations](#) with NHDES include the Waukegan Watershed Project and the salt loading study associated with the widening of I-93. Earlier this year, CFE organized the [New Hampshire Water Conference](#) in association with NHDES, N.H. Geological Survey, and N.H. Water Works Association.
- [N.H. Association of Conservation Commissions](#) – NHACC members include local conservation commissioners from 194 municipalities, whose responsibilities include overseeing local natural resources conservation efforts including land conservation. NHDES and NHACC have worked cooperatively and in partnership on a wide range of matters, including wetlands education and permitting, aquatic resource mitigation, source water protection, designated rivers and shoreland protection. Based upon the successes of prior cooperative efforts and to bring greater recognition to future partnership efforts, NHDES and NHACC recently entered into a formal [Partnership Agreement](#).

- [N.H. Association of Regional Planning Commissions](#) – This organization is described above under item 3. The monthly meetings of the RPC directors are attended by representatives of NHDES’s Watershed Assistance Program, which provides financial support to RPCs through its [Regional Environmental Planning Program \(REPP\)](#). As noted above, REPP is producing the *Innovative Land Use Planning Techniques* guide. REPP works closely with the RPC directors to identify local environmental planning needs and to provide financial support to the RPCs to address those needs.
- [N.H. Lakes Association](#) – With 1,000 individual/family members, 100 local lake association members (who represent their members, totaling several thousand), and 40 corporate/business members, N.H. Lakes Association is dedicated to protecting the state’s lakes through public education, training and support of local lake associations and municipal officials, and legislative advocacy. N.H. Lakes Association is a member of the Lakes, Rivers Streams and Ponds Partnership, and partners with NHDES and the Rivers Council on the annual Watershed Conference.
- [N.H. Rivers Council](#) – The New Hampshire Rivers Council is the only statewide conservation organization dedicated to the protection and conservation of New Hampshire rivers. Since its incorporation as a non-profit organization in 1993, the Rivers Council has worked to educate the public about the value of the state’s rivers, designate rivers in the state’s protection program, and advocate for strong public policies and wise management of New Hampshire river resources. The Rivers Council is a member of the Lakes, Rivers Streams and Ponds Partnership and is a partner with NHDES and the Rivers Council on the annual watershed conference.
- [Society for the Protection of New Hampshire Forests](#) - SPNHF convenes the N.H. Land Conservation Coalition, which includes NHDES’s Water Supply Land Conservation Grant Program. SPNHF worked with NHDES’s Drinking Water Source Protection Program to develop [Our Drinking Water Supply Lands in New Hampshire – How Secure Are They?](#), a report that led to the creation of NHDES’s Water Supply Land Conservation Grant Program. The Program also turned to SPNHF to develop guidance and model easements, published as [Permanently Protecting Water Supply Land with Conservation Easements](#), which NHDES continues to use as guidance. More recently, SPNHF has updated its data-intensive analysis of population growth and land-use change, [New Hampshire’s Changing Landscape](#), which has had a tremendous impact on raising awareness of this issue.
- [The Nature Conservancy in New Hampshire](#) has long emphasized the connection between land conservation and water resources protection. Examples include [A Land Conservation Plan for New Hampshire’s Coastal Watershed](#) (in partnership with the State of New Hampshire, SPNHF, Rockingham Planning Commission, and Strafford Regional Planning Commission), [Ashuelot River Watershed Land Conservation Plan](#) (in partnership with the Monadnock Conservancy, SPNHF, and the Southwest Region Planning Commission), and [The Campaign for the Ossipee Pine Barrens and Silver Lake Watershed](#).

6. Senior state officials likely to be involved

- Katherine W. Peters, Special Assistant for Policy, Office of the Governor
- Senator Martha Fuller Clark, Chair, Senate Energy and Environment Committee
- Representative Judith Spang, Chair, House Resources, Recreation and Development Committee
- Thomas S. Burack, Commissioner, Department of Environmental Services (NHDES)
- Harry T. Stewart, Director, Water Division, NHDES
- Amy Ignatius, Director, Office of Energy and Planning
- Paul Currier, Administrator, Watershed Management Bureau, NHDES
- Sarah Pillsbury, Administrator, Drinking Water and Groundwater Bureau, NHDES
- Richard Uncles, Director, Division of Regulatory Services, Department of Agriculture, Markets and Food
- Bill Carpenter, Administrator, Land Management Bureau, Division of Forests and Lands, Department of Resources and Economic Development
- Bill Cass, Director of Project Development, Department of Transportation

7. Staff members committed to working on this project

- Paul Susca, Supervisor – Planning, Protection & Assistance; Drinking Water and Groundwater Bureau, NHDES (Project Leader - 40 hours)
- Johnna McKenna, Environmental Program Manager, Drinking Water Source Protection Program, NHDES (40 hours)
- Pierce Rigrod, Principal Planner, Drinking Water Source Protection Program, NHDES (40 hours)
- Carolyn Russell, Principal Planner; Planning, Prevention & Assistance Unit; Office of the Commissioner, NHDES (20 hours)
- Watershed Management Bureau, NHDES (20 hours)
- Jennifer Czysz, Senior Planner, NHOEP (20 hours)

Attachment A

Existing water resources-related advisory groups established through legislative action

Water Resources Committee (SB 162)
Comprehensive Flood Management Plan Commission
Dam Review Committee
Groundwater Withdrawals Study Commission (SB 155)
Instream Flow Study advisory committees (technical and policy)
Lakes Management Advisory Committee
Local River Management Advisory Committees (LRMACs)
N.H. Estuaries Project Management Committee
N.H. Industrial Pretreatment Coordinators
Public Water Access Advisory Board
Publicly Owned Treatment Works Study Committee
Rivers Management Advisory Committee
Sewage Sludge and Septage Management Committee
Stormwater Committee
Water Council
Water Quality Standards Advisory Committee
Water Well Board
Wetlands Council
Winnepesaukee River Basin Program Advisory Committee

Attachment B
New Hampshire Council on Resources and Development

Office of Energy and Planning, Chair
Department of Administrative Services
Department of Agriculture, Markets and Food
Department of Cultural Resources
Department of Education
Bureau of Emergency Management
Department of Environmental Services
Fish and Game Department
Department of Health and Human Services
New Hampshire Housing Finance Authority
Department of Resources and Economic Development
Department of Safety
Department of Transportation

Attachment C

Source Water Protection Strategy Core Advisory Committee

Affiliation	First Name	Last Name
AMERICAN GROUND WATER TRUST	ANDREW	STONE
BROOK HAVEN FARM ENVIRONMENTAL	FRANCESCA	LATAWIEC
CAPITAL WELL CO., INC.	TERRY	SWAIN
COMPREHENSIVE ENVIRONMENTAL INC.	EILEEN	PANNETIER
DEPARTMENT OF AGR- DIVISION OF REGULATORY SERVICES	RICHARD	UNCLES
FREMONT CONSERVATION COMMISSION	PATRICIA	DEBEER
GEOINSIGHT, INC	DAVID	MACLEAN
GRANITE STATE RURAL WATER ASSOCIATION	JENNIFER	PALMIOTTO
GREEN MOUNTAIN CONSERVATION GROUP	BLAIR	FOLTS
GREEN MOUNTAIN CONSERVATION GROUP	KAMALENDU	NATH
GREEN MOUNTAIN CONSERVATION GROUP	TARA	SCHROEDER
GROUND WATER PROTECTION COUNCIL	JEAN	MCDOWELL
HANOVER WATER WORKS CO	JOHN	DUMAS
HERTC	EUGENE	HEIGHTON
JAFFREY DEPT. OF PUBLIC WORKS	DOUG	STARR
MADBURY WATER BOARD	KAREN	DIAMOND
MANCHESTER WATER WORKS	ROBERT	BEAURIVAGE
N.H. GEOLOGICAL SURVEY	DAVID	WUNSCH
N.H. GROUNDWATER COMMISSION	ELIZABETH	THOMAS
N.H. GROUNDWATER COMMISSION	TOM	FARGO
N.H. WATER WELL BOARD	BART	CUSHING
N.H. WATER WORKS ASSOC.	STEVE	DELDEO
NH ARMY NATIONAL GUARD	ARIN	MILLS
NH ASSOC OF CONSERVATION COMMISSIONS	MASON	WESTFALL
NH ASSOCIATION OF REGIONAL PLANNING COMMISSIONS	DAVE	DANIELSON
NH BUSINESS AND INDUSTRY ASSOCIATION	MIKE	GAIMO
NH DEPT OF TRANSPORTATION	MARK	HEMMERLEIN
NH DES WETLANDS BUREAU	ARLENE	ALLEN
NH FARM BUREAU FEDERATION	ROB	JOHNSON
NH LAKES ASSOCIATION	DEREK	DURBIN
NH OFFICE OF ENERGY & PLANNING	JEN	CZYSZ
NH TIMBERLAND OWNERS	JASEN	STOCK
NHDES ENVIRONMENTAL HEALTH PROGRAM	SHERRY	GODLEWSKI
NHDES SUBSURFACE BUREAU	WILLIAM	EVANS, PE
NHDES WASTE DIVISION	GEORGE	LOMBARDO
NHDES WASTE MGMT DIV	FRED	MCGARRY
NHDES WATERSHED MGMT BUREAU	PAUL	CURRIER
NHDHHS HEALTH OFFICER LIAISON	LOUISE	HANNAN
PEMBROKE WATER WORKS	PAUL	WHITTEMORE
PENNICHUCK WATER WORKS	BECKY	MCENROE
ROCKINHAM PLANNING COMMISSION	GLENN	GREENWOOD
SOUTHERN NH REGIONAL PLANNING COMMISSION	JACK	MUNN
SOUTHERN REGIONAL PLANNING COMMISSION	RACHEL	KELLY
SOUTHWEST REGION PLANNING COMMISSION	JO ANNE	CARR
STRAFFORD REGIONAL PLANNING COMMISSION	JULIE	LABRANCHE
TOWN OF BOW	BILL	KLUBBEN
TRUST FOR PUBLIC LANDS	GREGG	CAPOROSSO
UNH COOPERATIVE EXTENSION	JULIA	PETERSON

UNH/DURHAM WATER SYSTEM
US GEOLOGICAL SURVEY
USEPA REGION I - NEW ENGLAND
WATER WELL BOARD
WAUKEWAN WATERSHED ADVISORY COMMITTEE

BRIAN	GALLAGHER
KEITH	ROBINSON
DOUGLAS	HEATH
RICK	SCHOFIELD
BRUCE	BOND

Attachment D
N.H. Lakes Management Advisory Committee
Committee Member List
October 2007

Philip J. O'Brien	NH Lakes Association	Chair
Larry Sunderland	Conservation Community	Vice Chair
James F. Haney, Ph.D.	UNH Scientific Community	
Michele L. Tremblay	State Conservation Committee	
Wendell (Bud) Berry	NH Business and Industry Association	
Diane Hanley	NH Association of Conservation Commissions	
Mitchell Kalter	NH Fish and Game Commission Representative	
Kenneth P. Wilson	NH Marine Trades Association	
Kenneth Jordan	NH Association of Realtors	
Fred Murphy	Hillsborough Planning Board	
VACANT	NH Travel Council	
VACANT	Municipal Official	

State Agency Representatives:

Mark Gallagher	NH Department of Safety
Johanna Lyons	NH Department of Resources and Economic Development
Mark Hemmerlein	NH Department of Transportation
Jennifer Czysz	NH Office of Energy and Planning
Steve Perry	NH Fish and Game Department
VACANT	NH Department of Agriculture, Markets and Food

Others:

Jody Connor	DES Limnology Center
Darlene Forst	DES Wetlands Bureau
Derek Durbin	NH Lakes Association

Updated: 10/11/07

Attachment E

N.H. Rivers Management Advisory Committee

Ted Sutton	Municipal Officer
Bob Beaurivage	Public Water Suppliers
Jennifer Csyz	NH Office of Energy and Planning
John Magee	NH Fish and Game Department
Walter Morse	NH Fish and Game Commission
Johanna Lyons	NH Department of Resources and Economic Development
Ken Kimball	Recreational Interests
Kathryn Nelson	Local River Management Advisory Committees
William Heinz	Granite State Hydropower Association
Michele L Tremblay	Conservation Community
Gail McWilliam Jellie	NH Department of Agriculture, Markets & Food
Allan Palmer	Business & Industry Association
Alan Bartlett	Agricultural Community
Deborah Hinman	Conservation Commissions
Kevin Nyhan	NH Department of Transportation
Anne Krantz	Historic/Archeological Interests

Attachment F
New Hampshire Association of Regional Planning Commissions
2007 Roster

Central NH Regional Planning Commission

Sharon Wason	-	Executive Director
Steve Buckley	-	Commissioner

Lakes Region Planning Commission

Kim Koulet	-	Executive Director
Mark McConkey	-	Commissioner

Nashua Regional Planning Commission

Steve Williams	-	Executive Director
Mike Fimbel	-	Commissioner

North Country Council

Mike King	-	Executive Director
Glenn English	-	Commissioner
Bonnie Ham	-	Commissioner

Rockingham Planning Commission

Cliff Sinnott	-	Executive Director
Glenn Coppelman	-	Commissioner
Annette Stoller	-	Commissioner

Southern NH Planning Commission

David Preece	-	Executive Director
Dave Danielson	-	Commissioner

Southwest Region Planning Commission

Tim Murphy	-	Executive Director
Dave Krisch	-	Commissioner
Eleanor Vander Haegen	-	Commissioner

Strafford Regional Planning Commission

Cynthia Copeland	-	Executive Director
Bruce Woodruff	-	Commissioner

Upper Valley Lake Sunapee Regional Planning Commission

Christine Walker	-	Executive Director
Peter Stanley	-	Commissioner
Melanie Bell	-	Commissioner

Attachment G

New Hampshire Land Conservation Coalition

Alexandria Conservation Commission
American Farmland Trust
Amherst Land Trust
Ammonoosuc Conservation Trust
Antioch University New England
Appalachian Mountain Club
Appalachian Trail Conservancy
Archaeological Conservancy
Atkinson Conservation Commission
Attorney General's Office
Audubon Society of NH
Ausbon Sargent Land Preservation Trust
Baldwin, Callen & Ransom, PLLC
Barrington Conservation Commission
Bear-Paw Regional Greenways
Beaver Brook Association
Bedford Land Trust
Beecy Appraisal Services, M.H.
Benthien Associates
Berna Appraisal Office
Bernstein, Shur, Sawyer & Nelson, PA
Blue Moon Environmental, Inc.
Bow Open Spaces
Bradford Conservation Commission
C.W. Thompson Consulting, LLC
Catamount Management Corporation
Center for Land Conservation Assistance
Chocorua Lake Association
Chocorua Lake Conservation Found.
Cloveridge Consultants
Connecticut River Joint Commissions
Cooperative Development Institute
Crafts Appraisal Associates
Dan Hole Pond Watershed Trust
Department of Agriculture
Derry Conservation Commission
Department of Resources and Economic Development
Dunstable Conservation Commission
UNH Extension Specialist
Farm and Ranchland Protection Program
Five Rivers Conservation Trust
Fracestown Land Trust
Freneau Appraisal
Garvey & Company, LTD.
Gilmanton Conservation Commission
Gilmanton Land Trust
Gowdy & Farrell, Inc.
Grafton County Conservation Dist.
Granite State Conservation Voters Alliance

Great Bay National Estuarine Research Reserve
Great Bay Resource Protection Partnership
Great Bay Stewards
Greater Piscataqua Community Foundation
Green Mountain Conservation Group
Gumpas Musquash Conservation Association
Hancock Conservation Commission
Hanover Conservation Council
Harris Center for Conservation Education
Heath Appraisal Services
Heritage Heights
High Point Communications Groups
Highland Lake Association
Howfirma Trust
HSUS Wildlife Land Trust
Inn On Golden Pond
Innovative Natural Res. Solutions
Jaffrey Conservation Commission
JW Barto, P.A.
Kapala Kittredge Associates Inc.
Lakes Region Conservation Trust
Lamprey River Advisory Com.
Land Trust Alliance
Lebanon City Council
Lebanon Conservation Commission
Lee (Town of) Conservation Commission
Litchfield Planning Board/Conservation Commission
Lyme Timber Company
Mahoosuc Land Trust
McLane, Graf, Raulerson
McManus & Nault Appraisal Co., Inc.
Merrimack County Conservation District
Monadnock Appraisal Co.
Monadnock Conservancy
Moose Mtns. Regional Greenways
Mt. Agamenticus to the Sea Conservation Initiative
N.E. Forestry Foundation
N.H. Estuaries Program
Nashua Regional Planning Commission
Nashua River Watershed Association
National Park Service Rivers & Trails
Natural Resources Conservation Service
Nature Source Communications
NE Wood Pellet, Inc.
New England Forestry Consultants
New England Forestry Foundation
New England Wildflower Society
New Hampshire Charitable Foundation
NH - DES - Wetlands Bureau
NH Association of Conservation Commissions
NH Conservation Real Estate
NH Div. of Historical Resources

NH Fish & Game Department
NH Land & Community Heritage Investment Program
NH Preservation Alliance
NH Rivers Council/NFA
NH Sierra Club
NH State Grange
NH Wildlife Federation
Nichols-Smith Conservation Land Trust
Nissitissit River Land Trust
Northeast Wilderness Trust
Northland Forest Products
Office of Energy and Planning
Office of Sustainability, UNH
Open Space - Dover
Orr & Reno
Pemi-Baker Land Trust
Peterborough Conserv. Comm.
Piscataquog Watershed Assoc.
Plainfield Conservation Commission
Ransmeier & Spellman
Rockingham County Conservation Dist.
Roland Park Land Trust
Russell Foundation
Sanbornton Agriculture and Land Trust
SED Valuation, LLC
Sheerr & White Residential Architecture
Shoals Marine Laboratory
Silver Lake Land Trust
SLSC
Souhegan Valley Land Trust
Southeast Land Trust of N.H.
Spring Appraisal Company
Squam Lakes Association
Squam Lakes Conservation Society
Stafford Rivers Conservancy
Stone House Farm
Strafford County Conservation District
Strafford Rivers Conservancy
Stuart Farm, Stratham
Sugar Hill Conservation Commission
Tamworth Conserv. Commission
The Bigelow Company
The Jordan Institute
The Nature Conservancy
The Northern Forest Center
The Wilderness Society
Three Rivers Coalition
Town of Brentwood
Town of Hollis
Town of Lee
Town of Pembroke
Trust for Public Land

Turkey River Basin Trust
U.S. EPA/New England
Unity Conservation Commission
Upper Saco Valley Land Trust
Upper Valley Land Trust
Wagner Woodlands
Wakefield Conservation Commission
Webster Conservation Commission
White Mtn. Investments
Wiggin & Nourie
Wildlife Land Trust
Yggdrasil Land Foundation

Attachment H

Organization Charts

N.H. Department of Environmental Services

N.H. Department of Environmental Services

(Note: Planning, Prevention & Assistance Unit – including project staff Carolyn Russell – is in Commissioner’s Office)

Land Resources Management Program, Water Division

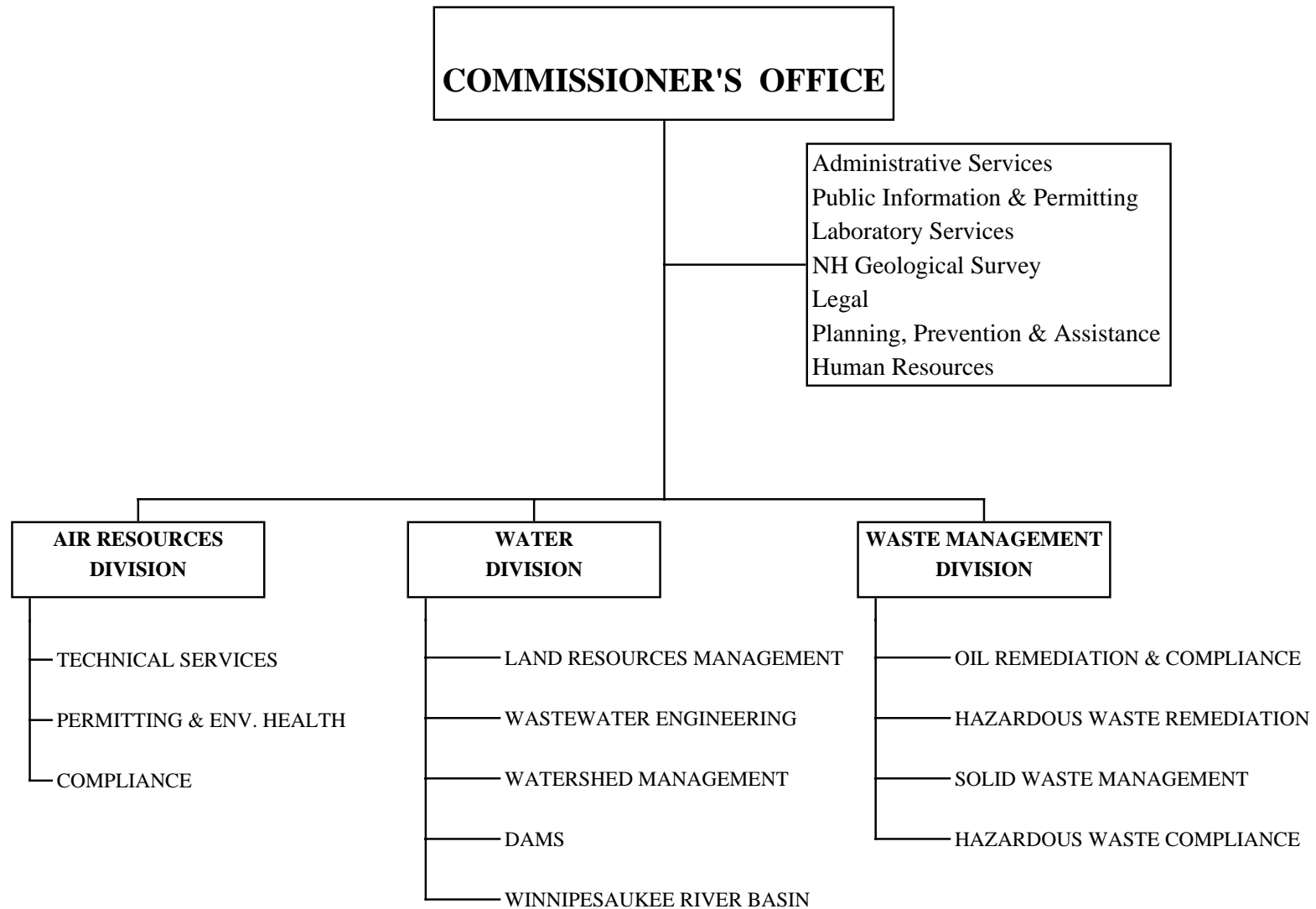
(Note: Water Supply Engineering Bureau has recently been reorganized and renamed Drinking Water and Groundwater Bureau)

Drinking Water and Groundwater Bureau

(Note: Project staff include Paul Susca, Johnna McKenna, and Pierce Rigrod – all in the Planning, Protection & Assistance Section)

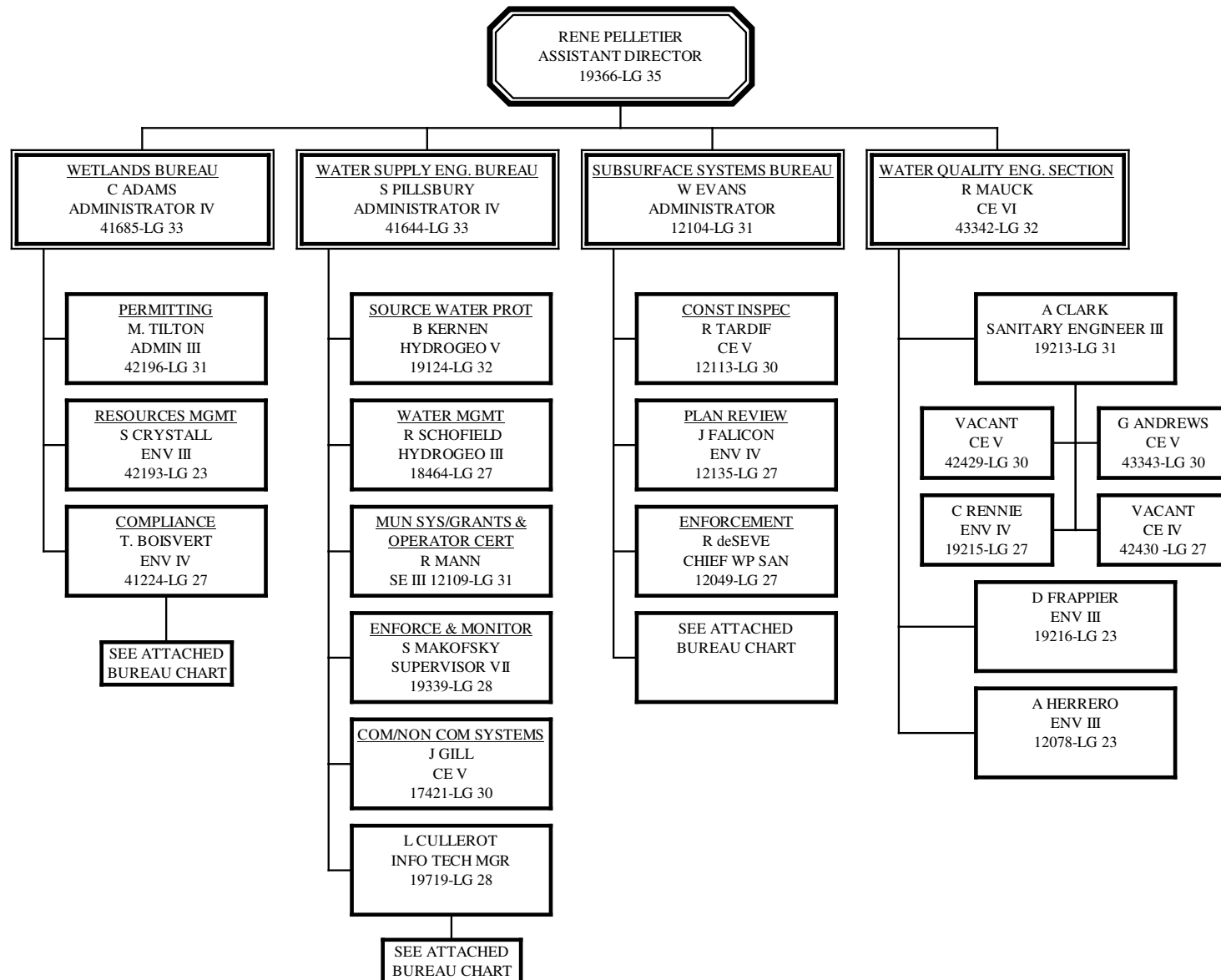
NH DEPARTMENT OF ENVIRONMENTAL SERVICES

SEPTEMBER 2006



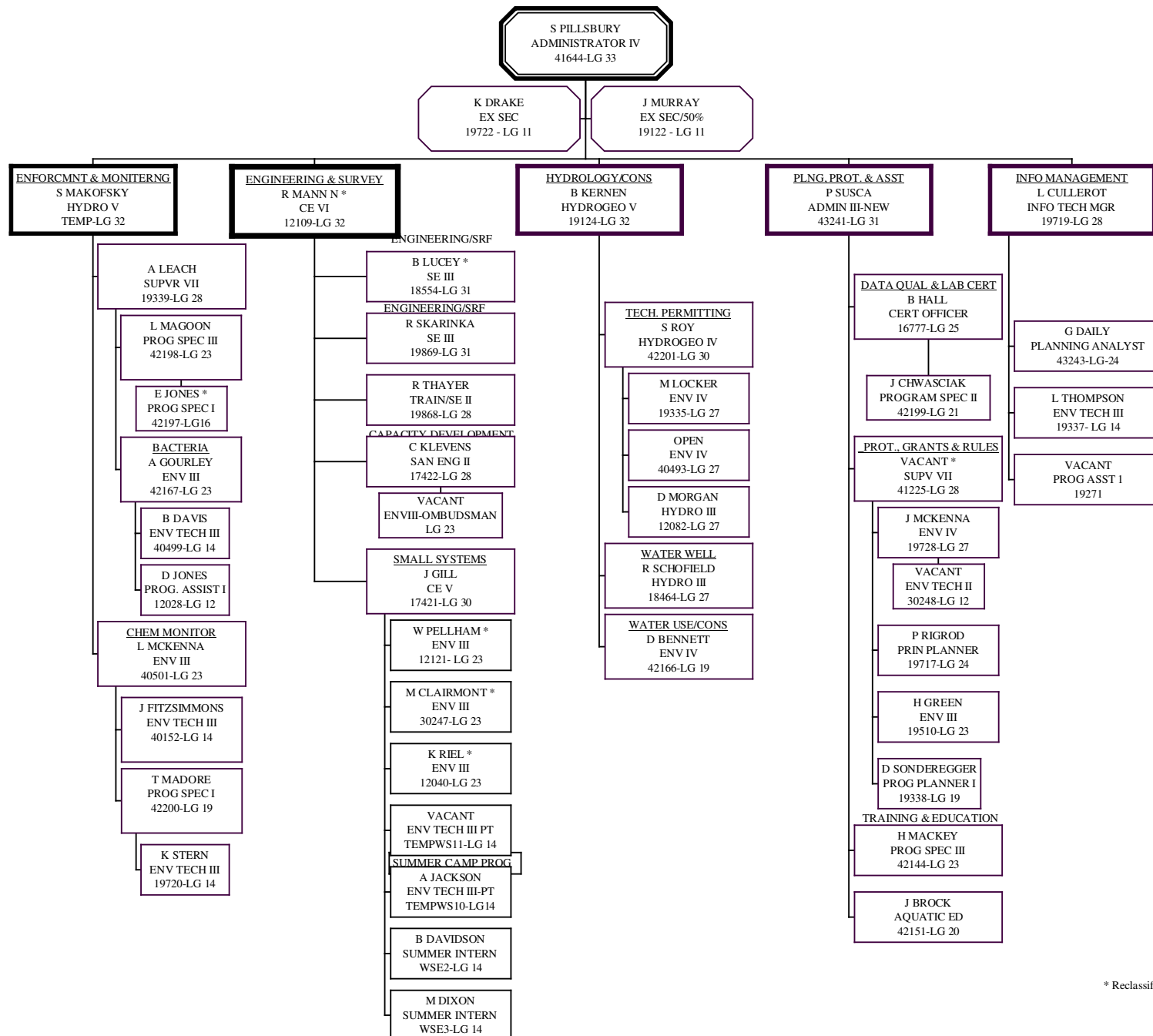
DEPARTMENT OF ENVIRONMENTAL SERVICES
WATER DIVISION
LAND RESOURCES MANAGEMENT PROGRAM -- 603-271-3503

11/01/07



DEPARTMENT OF ENVIRONMENTAL SERVICES
WATER DIVISION
LAND RESOURCES MANAGEMENT PROGRAM
DRINKING WATER AND GROUNDWATER BUREAU

11/01/07



* Reclassifications in process

Attachment I
Endorsement Letters

Senator Martha Fuller Clark

Representative Judith Spang

N.H. Department of Resources and Economic Development

N.H. Department of Transportation

N.H. Department of Agriculture, Markets and Food

Center for the Environment, Plymouth State University

N.H. Association of Conservation Commissions

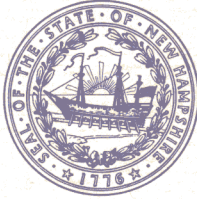
N.H. Association of Regional Planning Commissions

N.H. Lakes Association

N.H. Rivers Council

Society for the Protection of New Hampshire Forests

The Nature Conservancy



The Senate of the State of New Hampshire

107 North Main Street, Room 302, Concord, N.H. 03301-4951

MARTHA FULLER CLARK
Senate Majority Whip
District 24

Office 271-6933

TTY/TDD
1-800-735-2964

November 14, 2007

Thomas S. Burack
Commissioner
N.H. Department of Environmental Services
29 Hazen Drive
Concord NH 03301

Amy Ignatius
Director
N.H. Office of Energy and Planning
57 Regional Drive, Suite 3
Concord NH 03301

Subject: NHDES-NHOEP Application for Land Use and Water Protection Program

Dear Commissioner Burack and Ms. Ignatius:

I strongly endorse the application being submitted by N.H. Department of Environmental Services and N.H. Office of Energy and Planning to participate in the Enabling Source Water Protection (Land and Water) program, and I will make every effort to participate in the program if New Hampshire is selected.

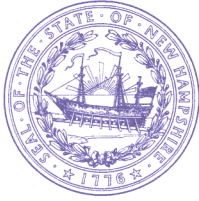
As you know, the Senate Energy and Environment Committee is working on a number of water quality and land use-related bills and is interested in better coordinating the State's many efforts in these areas. Several members of the Committee, including myself, have been studying the State's water resources management issues through our participation in the SB 155 Groundwater Commission and the SB 162 Water Resource Committee.

Given the importance of water quality and availability to New Hampshire's economic vitality and quality of life, and in light of the implications that land use practices have for water resources, it is absolutely essential that the State's land use, land preservation, and water quality goals be better aligned. Fortunately, New Hampshire State agencies and stakeholders have a history of working together to address natural resources issues, and this application includes an excellent framework for bringing together the key agencies, officials, and constituencies needed to address this issue.

I look forward to working with the Trust for Public Land, the Smart Growth Leadership Institute, ASDWA, River Network, and New Hampshire officials and stakeholders on this important project. The members of this Committee and I expect the results of this project to be very useful in guiding land- and water-related legislative activities over the next few years.

Sincerely,

Senator Martha Fuller Clark, Chair
Energy, Environment and Economic Development Committee
New Hampshire State Senate



Judith T. Spang
Chairman

Donald A. Brueggemann
Vice Chairman

State of New Hampshire

HOUSE OF REPRESENTATIVES

Legislative Office Building, 33 North State Street
Concord, NH 03301-6328

TEL: (603) 271-3570
TDD Access: Relay NH 1-800-735-2964

COMMITTEE ON RESOURCES, RECREATION AND DEVELOPMENT

November 17, 2007

Thomas S. Burack
Commissioner
N.H. Department of Environmental Services
29 Hazen Drive
Concord NH 03301

Amy Ignatius
Director
N.H. Office of Energy and Planning
57 Regional Drive, Suite 3
Concord NH 03301

Subject: NHDES-NHOEP Application for Land Use and Water Protection Program

Dear Commissioner Burack and Director Ignatius:

I strongly endorse the application being submitted by N.H. Department of Environmental Services and N.H. Office of Energy and Planning to participate in the Enabling Source Water Protection (Land and Water) program, and I am committed to participating in the program if New Hampshire is selected.

I am currently the Chair of the House Resources, Recreation and Development Committee, co-chair of the SB 155 Groundwater Commission and member of the SB 162 Water Resources Committee. I have also served on a legislative committee to study the issue of Sprawl in New Hampshire and am currently on the Board of the NH Land and Community Heritage Investment program, which provides State funding for land conservation and preservation.

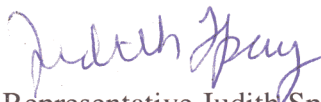
As you know, the House Resources, Recreation and Development Committee and our Senate counterpart, the Senate Environment, Energy, and Economic Development Committee, have been working on a number of water quality and water resource-related land use bills. In addition, several members of both Committees have been studying the State's water resources management issues through the SB 155 Groundwater Commission and the SB 162 Water Resource Committee. Through this involvement, I have seen the need for and great potential advantages of improving the coordination of efforts among various State agencies, particularly in partnership with local municipalities and nonprofit groups.

New Hampshire's economy and quality of life depend greatly on water quality. The State is growing at a rapid rate, but improved land use practices are not being developed and adopted at a pace that can ameliorate the resulting impacts on our groundwater and surface waters. A growing realization of this problem has led to a diversity of uncoordinated research, planning and management efforts on the part of the legislature,

State agencies, water resource stakeholder organizations, municipalities and non-profits. There is great potential for optimizing the effectiveness of all these efforts through better alignment of the various organizations. Fortunately, New Hampshire's State agencies and stakeholders have a history of working together to address natural resources issues, and this application provides an excellent framework for bringing together the key agencies, officials, and constituencies needed to address this issue.

I look forward to working with the Trust for Public Land, the Smart Growth Leadership Institute, ASDWA, River Network, and New Hampshire officials and stakeholders on this important project. The members of this Committee and I expect the results of this project to be very useful in guiding land- and water-related legislative activities over the next few years.

Sincerely,



Representative Judith Spang
Chair, Resources, Recreation and Development Committee
New Hampshire House of Representatives



GEORGE M. BALD
Commissioner

STATE OF NEW HAMPSHIRE
DEPARTMENT of RESOURCES and ECONOMIC DEVELOPMENT
OFFICE of the COMMISSIONER

172 Pembroke Road P.O. Box 1856 Concord, New Hampshire 03302-1856

603-271-2411

FAX: 603-271-2629

E-MAIL: gbald@dred.state.nh.us

November 14, 2007

Thomas S. Burack
Commissioner
N.H. Department of Environmental Services
29 Hazen Drive
Concord NH 03301

Amy Ignatius
Director
N.H. Office of Energy and Planning
57 Regional Drive, Suite 3
Concord NH 03301

Subject: NHDES-NHOEP Application for Land Use and Water Protection Program

Dear Commissioner Burack and Director Ignatius:

As you are aware, the N.H. Department of Resources and Economic Development (NHDRED) manages more land than any other state department. With responsibilities including state forests, parks and recreation, forestry practices, travel and tourism, and economic development, NHDRED guides the management of the state's forests for natural and economic values. Recognizing the relationship between our agencies' respective missions, NHDRED has for many years worked with NHDES, NHOEP, and other agencies through the Council on Resources and Development. As Administrator of Land Management Programs, I have served as the Commissioner's regular designee to the Council.

New Hampshire is fortunate to have extensive forest cover, which plays an essential role in protecting water quality. Much of this is working forest, where even outside the State's land holdings, NHDRED has a role in overseeing forest management practices. In this regard, ensuring compliance with best management practices is a key part of the State's strategy to protect water quality. On a statewide scale, any such effort to protect water quality is a drinking water protection strategy, since 80% of the state is in a water supply watershed.

NHDRED would be pleased to work with NHDES and NHOEP as a partner on the subject program if New Hampshire is selected. I strongly endorse the application that you have prepared, and I will make every effort to participate in the initial meeting and the wrap-up workshop.

Sincerely,



Bill Carpenter
Administrator
Bureau of Land Management

Concurrence



George M. Bald
Commissioner



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



CHARLES P. O'LEARY, JR.
COMMISSIONER

November 16, 2007

JEFF BRILLHART, P.E.
ASSISTANT COMMISSIONER

Thomas S. Burack
Commissioner
NH Department of Environmental Services
29 Hazen Drive
Concord, NH 03301

Amy Ignatius
Director
NH Office of Energy and Planning
57 Regional Drive, Suite 3
Concord, NH 03301

Re: NHDES-NHOEP Application for Land Use and Water Protection Program

Dear Commissioner Burack and Director Ignatius:

I am writing in support of the project application to align land use and water protection programs. New Hampshire Department of Transportation (NHDOT) has often partnered with NHDES and NHOEP on transportation corridor studies to solve transportation problems in a way that enhances the environment and considers the relationship between transportation and land use. Our work on the State's Long Range State Transportation Plan recognizes this important relationship, and by working with State Agencies, Regional Planning Commissions and local communities in conducting corridor studies for the State's most critical transportation corridors we can integrate transportation and land use decision making.

The partnership approach outlined in your application which leverages the skills and perspectives of agencies, non-governmental organizations, and communities has also proved successful in our ongoing Community Technical Assistance Program (CTAP) effort focused on the 26 communities in the Interstate 93 Salem to Manchester Corridor. Concerns regarding growth voiced by corridor communities led NHDOT to commit to a five year, \$3.5 million program of providing planning assistance to these communities. About to begin its second year of implementation, CTAP is helping communities decide where they should grow, how they should grow, and why they should consider regional approaches to both local and regional problems. The regional issues of transportation and water protection are tightly linked with the local issue of land use. The program proposed would be a benefit to all.

Aligning these efforts makes good sense. NHDOT would be pleased to work with NHDES and NHOEP as a partner on the subject program if New Hampshire is selected. I endorse the application that you have prepared and I would think the incoming Commissioner would be willing to lend his/her support in the initial meeting and the wrap-up workshop.

Sincerely,


Charles P. O'Leary, Jr.
Commissioner

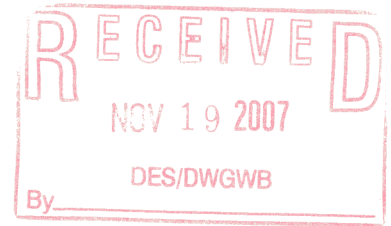
CPO: bpr

New Hampshire
Department of Agriculture,
Markets & Food

Stephen H. Taylor, Commissioner

November 14, 2007

Thomas S. Burack
Commissioner
NH Department of Environmental Services
25 Hazen Drive
Concord, NH 03302



Amy Ignatius
Director
N.H. Office of Energy and Planning
57 Regional Drive, Suite 3
Concord, NH 03301

Dear Commissioner Burack & Director Ignatius:

I am pleased to offer our department's endorsement and support for New Hampshire's application for the project titled *Enabling Source Water Protection: Aligning State Land Use and Water Protection Programs*.

Our division's Agricultural Nutrient Management Grant program works closely with NHDES to help provide solutions to farm-based water quality threats and we often work with NHDES in investigating and solving farm-related instances of water pollution. In addition, our department's Pesticide Control Division operates a ground water testing program for the presence of agricultural chemicals. The Pesticide Division is also supportive of your application, and I have briefed the Division's Acting Director, Thomas Sloan, on the goals of the program.

New Hampshire's agricultural lands are generally well-managed and farmland owners are genuinely concerned with protecting the quality of the state's water resources. We recognize the interconnectedness of land use activities and water quality protection and support the project to create better linkages.

Again, we are ready and willing to assist your staff with implementing this project if your application is successful. Thank you for the opportunity to be involved.

Sincerely,

Richard B. Uncles
Director
Division of Regulatory Services

Plymouth State
UNIVERSITY
CENTER FOR THE ENVIRONMENT

November 14, 2007

Paul Susca
Drinking Water and Groundwater Bureau
New Hampshire Department of Environmental Services
P.O. Box 95
Concord NH 03302-0095

Dear Paul:

The Center for the Environment is pleased to offer our support for the proposal *Enabling Source Water Protection*. This proposal addresses several core issues of urgent priority for the future of New Hampshire's water resources of which the Center is very interested. As you know, I am the former USGS Water Center director in Maine from 1994 to 2004, and have done water resource management plans at scales ranging from lake watersheds to Acadia National Park.

In NH, I have been active in strategies for the new CSPA. A main motivation for the Center in establishing the annual NH Water Conference in 2006 was to serve legislative needs for the state Water Resources Plan. The Center for the Environment also has a research and outreach priority on the NH lakes region and the northern forest, including policy-relevant water resources issues.

We applaud the recent efforts by DES to develop a comprehensive approach to water resource management. This proposal is very timely and will promote collaboration among state agencies and regional collaborators to get the job done.

Thank you for the opportunity to participate as a partner in this proposal.

Sincerely,



Steve Kahl, Director



NH Association of Conservation Commissions

54 Portsmouth Street

Concord, NH 03301

(603) 224-7867

CarolAndrews@nhacc.org

www.nhacc.org

November 19, 2007

Commissioner Thomas Burack
NH Department of Environmental Services
29 Hazen Drive
P.O. Box 95
Concord, NH 03302-0095

Amy Ignatius, Director
NH Office of Energy & Planning
57 Regional Drive, Suite 3
Concord, NH 03301-8519

Re: NHDES/NHOEP Application for "Enabling Source Water Protection" Program

Dear Commissioner Burack and Ms. Ignatius:

I am pleased to provide this letter on behalf of the Board of Directors of the New Hampshire Association of Conservation Commissions (NHACC). NHACC applauds your efforts to address important water quality concerns in our state. Water quality, particularly drinking water, remains an urgent concern for New Hampshire's municipal conservation commissions.

Just as our organization was pleased to sign a formal partnership agreement with the Department of Environmental Services on November 3rd of this year, NHACC is pleased to partner with your agencies in order to identify opportunities in which we can better align land use, land conservation and water quality objectives in New Hampshire. DES and NHACC continue to enjoy very effective collaboration on important environmental issues in our state. NHACC has historically acted as a bridge between local communities, policymakers and state agencies. We are prepared to act in this capacity in order to meet the goals of this important program.

I look forward to working with you on this important initiative.

Sincerely,

A handwritten signature in dark ink, reading "Carol K. Andrews". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Carol K. Andrews, Executive Director



NEW HAMPSHIRE ASSOCIATION
OF REGIONAL PLANNING
COMMISSIONS

20 Central Square, 2nd Floor
Keene, NH 03431
603-357-0557

North Country Council
The Cottage on the Rocks
107 Gleason Road
Bethlehem, NH 03574
Telephone: 444-6303

Lakes Region
Planning Commission
103 Main St Suite 3
Meredith, NH 03253
Telephone: 279-8171

Upper Valley Lake Sunapee
Regional Planning Commission
30 Bank Street
Lebanon, NH 03766
Telephone: 448-1680

Southwest Region
Planning Commission
20 Central Square, 2nd Floor
Keene, NH 03431
Telephone: 357-0557

Central NH Regional
Planning Commission
28 Commercial Street
Concord, NH 03301
Telephone: 226-6020

Southern NH
Planning Commission
438 Dubuque Street
Manchester, NH 03102
Telephone: 669-4664

Nashua Regional
Planning Commission
PO Box 847
Nashua, NH 03061
Telephone: 883-0366

Rockingham
Planning Commission
156 Water Street
Exeter, NH 03833
Telephone: 778-0885

Strafford Regional
Planning Commission
2 Ridge Street, Suite 4
Dover, NH 03820
Telephone: 742-2523

November 20, 2007

Thomas Burack, Commissioner
NH Department of Environmental Services
29 Hazen Drive
P.O. Box 95
Concord, NH 03302-0095

Amy Ignatius, Director
NH Office of Energy and Planning
57 Regional Drive
Concord, NH 03301-8519

RE: Aligning State Land Use and Water Protection Programs

Dear Ms. Ignatius and Mr. Burack:

Please accept this letter in support of your joint application under the initiative *Enabling Source Water Protection: Aligning State Land Use and Water Protection Programs*. The NH Association of Regional Planning Commissions (NHARPC) understands the important link between land use and the quality of our water resources. Your efforts towards creating opportunities to align the State's land use and land protection programs with goals to protect water resources, in particular drinking water resources, are vital to our future.

The NHARPC expresses its support of the effort and willingness to serve as a project partner should the application be accepted. We understand that in serving as a project partner, we will be asked to participate in interviews and/or a workshop with the national review team.

The opportunity to examine and think beyond the existing state program and regulatory framework to better integrate land use and source water protection goals represents a very positive exercise. The role of the regional planning commissions (RPC) makes us a very appropriate partner in this effort. Our involvement is also in keeping with the partnerships formed between our collective agencies in the existing Regional Environmental Planning Program (DES) and Targeted Block Grant (OEP). It also represents a clear connection to our joint efforts in producing the Innovative Land Use Guide designed to promote smart growth initiatives for our towns.

Thank you for taking the lead on this project. We look forward to the further involvement of NHARPC.

Sincerely,

Stephen C. Buckley, Esq.
Chairman

cc: Tim Murphy, SRPC

z:\a\Tim1\Letters\landuse-sourcewater\112007



Members dedicated to protecting lakes

November 19, 2007

**Enabling Source Water Protection:
Aligning State Land Use and
Water Protection Programs**

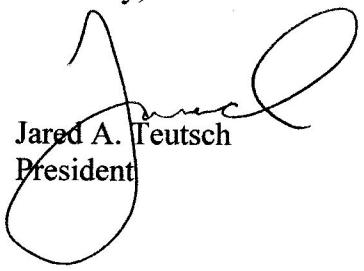
Dear Grant Providers:

On behalf of the Board of Directors of the New Hampshire Lakes Association (NH LAKES), and as a partner for this proposal, we would like to express our support for the New Hampshire Department of Environmental Services (NHDES) and the New Hampshire Office of Energy and Planning (NHOEP) application for Enabling Source Water Protection: Aligning State Land Use and Water Protection Programs.

As a member-supported 501(c)3 non-profit, dedicated to protecting NH's lakes through education and legislation, NH LAKES understands the need to properly manage our lakes for both recreation and drinking water supplies. We helped create and pass legislation that established the Comprehensive Shoreland Protection Act in 1992, New Hampshire's only water quality protection statute. With nearly 50% of the population of New Hampshire receiving their potable water from lakes and rivers, it is critical to coordinate our land use practices to better protect and enhance our water resources. With the help of this program, New Hampshire will have a better grasp of their regulatory structure, and a hope to improve and continue to protect our wonderful water resources.

We fully endorse this proposal and encourage the partnership of the Trust for Public Land, The Smart Growth Leadership Institute, the Association of State Drinking Water Administrators and the River Network to fully support this application. I am confident that the grant will serve New Hampshire well as we continue to strive to keep our waters clean.
Thank you.

Sincerely,


Jared A. Teutsch
President

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November 20, 2007

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Mission
The New Hampshire Rivers Council is committed to ecologically sound management of New Hampshire's rivers, watersheds, and related natural resources.

Thomas S. Burack
Commissioner
N.H. Department of Environmental Services
29 Hazen Drive
Concord NH 03301

Amy Ignatius
Director
N.H. Office of Energy and Planning
57 Regional Drive, Suite 3
Concord NH 03301

Subject: NHDES-NHOEP Application for Land Use and Water Protection Program

Dear Commissioner Burack and Ms. Ignatius:

The New Hampshire Rivers Council strongly endorses the application being submitted by N.H. Department of Environmental Services and N.H. Office of Energy and Planning to participate in the Enabling Source Water Protection (Land and Water) program. We will make every effort to participate in the program if New Hampshire is selected.

Given the importance of water quality and availability to New Hampshire's economic vitality and quality of life, and in light of the implications that land use practices have for water resources, it is essential that the State's land use, land preservation, and water quality goals be carefully aligned. Land use and resulting stormwater runoff present one of the most important and challenging issues facing the state, and this project is a crucial first step toward solutions. In addition, the timing of this effort matches well with recent efforts by the state to improve the coordination, management and environmental impacts of its surplus lands under the 2007 HB 710 study commission.

Fortunately, New Hampshire State agencies and stakeholders have a history of working together to address natural resource issues, and this application includes an excellent framework for bringing together the key agencies, officials, and constituencies needed to address this issue. The Rivers Council has been committed to working cooperatively with the Department and this project would be a perfect fit for our recent partnership agreement through which we committed to continue and expand those collaborative efforts.

Because of the historic level of collaboration between the state and stakeholders and the timeliness of this project, it will undoubtedly result in a high level of success, and we heartily support the proposal and project.

Sincerely,



Carl Paulsen
Program Director



54 Portsmouth Street
Concord, NH 03301

Tel. 603.224.9945
Fax 603.228.0423

info@forestsociety.org
www.forestsociety.org

November 19, 2007

Thomas Burack, Commissioner
New Hampshire Department of
Environmental Services
PO Box 95
Concord NH 03302-0095

Amy Ignatius, Director
New Hampshire Office of Energy and
Planning
57 Regional Drive, Suite 3
Concord, NH 03301-8519

Dear Commissioner Burack and Director Ignatius,

This letter is to express the Forest Society's support of New Hampshire DES and OEP in your application to the program, *Enabling Source Water Protection: Aligning State Land Use and Water Protection Programs*.

The Forest Society believes that land protection is more than just a way to protect a scenic view or recreational opportunity for generations to come. Conserving land is one of the most effective ways to ensure clean water for the future and protect surface water from contamination. Land that is placed into permanent conservation provides buffers for wetlands, ponds, and rivers that may be in close proximity to developed areas. One of the major goals outlined in our community vision, known as New Hampshire Everlasting, is to *keep our water clean: to ensure the purity of the aquatic ecosystems and drinking water that we all require for healthy living*.

The Forest Society has long supported the protection of New Hampshire water resources through our work with NHDES's Drinking Water Source Protection Program and the creation of NHDES's Water Supply Land Conservation Grant Program.

The Center for Land Conservation Assistance, a program of the Forest Society, strongly supports DES's involvement in this program that provides access to national experts and exposure to other state examples. One of the most successful ways that CLCA provides information to the state's conservation community is through the professional development and networking opportunities of the New Hampshire Conservation Coalition. The meetings bring land trust professionals and conservation minded group leaders together to assure best practices, and common experiences of land conservation practitioners are shared among those on the front lines of conservation. The coalition meeting would be an effective group to coordinate land protection and water protection efforts, identify opportunities and share information.

This sounds like an exciting program and we look forward to working with DES and OEP in supporting the implementation of this work.

Sincerely,

Paul A. Doscher
Vice-President, Land Conservation



The Nature Conservancy in New Hampshire
22 Bridge Street
4th Floor
Concord, New Hampshire 03301-4987

tel [603] 224.5853
fax [603] 228.2459
nature.org/newhampshire

November 14, 2007

Paul Susca
Drinking Water and Groundwater Bureau
New Hampshire Department of Environmental Services
P.O. Box 95
Concord NH 03302-0095

Dear Mr. Susca:

On behalf of The Nature Conservancy, I would like to offer our strong support for New Hampshire's proposal to the "Enabling Source Water Protection" program. New Hampshire's water resources are increasingly at risk from population growth and development, extraction, and pollution; these effects may be magnified due to climate change. We applaud the State's recent efforts to develop a more comprehensive approach to water resource management, and believe that this proposal will help to focus valuable attention and external expertise on the issue of source water protection while also promoting enhanced collaboration amongst the NH Department of Environmental Services, the NH Office of Energy and Planning, and other key partners. Accordingly, The Nature Conservancy is committed to actively participating as a project partner, should this proposal be accepted.

The Nature Conservancy brings considerable expertise in freshwater ecology science, conservation planning, and land protection. We have a strong organizational commitment to the protection of freshwater resources for nature and people, and have developed several approaches for integrating land conservation and water resource protection.

Thank you for developing this proposal, and for giving us the opportunity to participate. I hope that the review committee will look favorably on New Hampshire's proposal.

Sincerely,

A handwritten signature in dark ink, appearing to read "Mark Zankel", written over a light-colored, slightly textured background.

Mark Zankel
Deputy State Director